

Converting Colors

$Yxy(14.2180, 0.3430, 0.1663)$

Have a look what the booklet for
Yxy(14.2180, 0.3430, 0.1663)
contains.

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Color

Yxy(14.1715, 0.3432, 0.1664)

Conversions

Conversions Part 1

Format	Color
Hex	BF00AF
RGB	191, 0, 175
RGB Percent	75%, 0%, 69%
CMY	0.2509, 1.0000, 0.3136
CMYK	0.00, 1.00, 0.08, 0.25
HSL	305°, 100%, 37%
HSV	305°, 100%, 75%
XYZ	29.2287, 14.1715, 41.7650
YIQ	77.0590, 57.6610, 94.9170

Conversions

Conversions Part 2

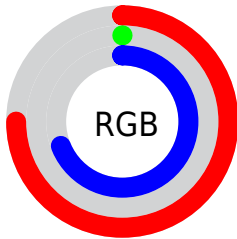
Format	Color
R_{YB}	191, 0, 175
Decimal	12517551
CIE _{Lab}	44.48, 76.81, -41.04
CIE _{LCh}	44, 87.088, 331.882
Yxy	14.1715, 0.3432, 0.1664
Android (android.graphics.Color)	4290707631 (0xFFBF00AF)
YUV	77.0590, 48.2849, 99.9263
Hunter-Lab	37.6451, 72.7138, -39.4273

Details

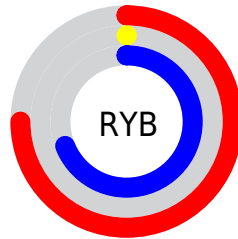
The Yxy color **14.1715, 0.3432, 0.1664** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **37.3065, 0.2985, 0.5946**, and the grayscale version is **7.3352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4235, 0.3395, 0.1964**, and **6.3917, 0.3422, 0.1659** is the 20% darker color. If you saturate the color by 10%, you get **14.1747, 0.3432, 0.1664**, and if you desaturate by 10%, it is **14.7072, 0.3405, 0.1690**.

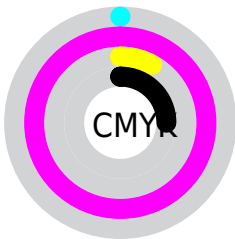
Distribution



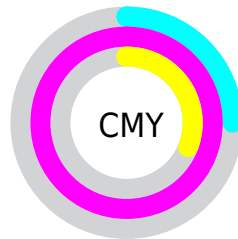
- Red (75%)
- Green (0%)
- Blue (69%)



- Red (75%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1715, 0.3432, 0.1664 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.1715, 0.3432, 0.1664 by changing the saturation by 10% instead.


 14.1715, 0.3432,
0.1664


 14.1715, 0.3432,
0.1664


218.2951, 0.3307,
0.2487


 8.2400, 0.3450,
0.1465


 33.3930, 0.3395,
0.1960


 4.2489, 0.3462,
0.1219


 47.4519, 0.3379,
0.2073


 1.8138, 0.3459,
0.0915


 64.9886, 0.3363,
0.2168

 0.4957, 0.3429,
0.0497

 86.3877, 0.3350,
0.2250

 0.0000, 0.3293,
0.0000

 112.0335, 0.3337,
0.2321

 0.0000, 0.1949,
0.0000

 142.3104, 0.3326,

 0.0000, 0.0000,

0.2383

0.0000

177.6028, 0.3316,
0.2438

■ 14.1715, 0.3432,
0.1664

■ 14.1715, 0.3432,
0.1664

■ 14.1747, 0.3432,
0.1664

■ 14.7072, 0.3405,
0.1690

■ 15.7012, 0.3375,
0.1752

■ 17.3232, 0.3343,
0.1857

■ 19.6573, 0.3309,
0.2002

■ 22.7747, 0.3275,
0.2182

■ 26.7382, 0.3241,
0.2388

■ 31.6038, 0.3209,
0.2610

■ 37.4232, 0.3179,
0.2839

■ 44.2438, 0.3152,
0.3068

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.1715, 0.1938, 0.1252



14.1715, 0.3432, 0.1664



14.1715, 0.5298, 0.2349

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.1715, 0.3432, 0.1664



14.1715, 0.4790, 0.5210



14.1715, 0.0758, 0.2170

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.1715, 0.3432, 0.1664



37.3065, 0.2985, 0.5946

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.1715, 0.1141, 0.4062



14.1715, 0.3432, 0.1664



14.1715, 0.3438, 0.6475

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.1715, 0.3432, 0.1664



14.1715, 0.5958, 0.4042



14.1715, 0.2116, 0.6344



14.1715, 0.0782, 0.1375

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.1715, 0.3432, 0.1664



14.1715, 0.6118, 0.2863



14.1715, 0.2116, 0.6344



14.1715, 0.0829, 0.2655

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.1747, 0.3432, 0.1664



56.1397, 0.3211, 0.2599



3.8718, 0.1526, 0.0614



11.4738, 0.3224, 0.2503



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1747, 0.3432, 0.1664



25.3641, 0.3436, 0.1666



11.6518, 0.5315, 0.2702



9.6821, 0.3150, 0.3082



9.3194, 0.3429, 0.1662



0.3692, 0.3370, 0.1630

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.1747, 0.3432, 0.1664



25.3641, 0.3436, 0.1666



38.4263, 0.2645, 0.4721



9.6821, 0.3150, 0.3082



9.3194, 0.3429, 0.1662



0.3692, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 14.1715, 0.3432, 0.1664 looks on a white background.

Color Contrast Check

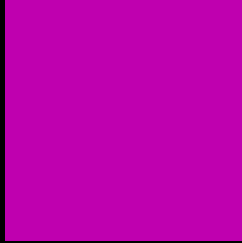
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.1715, 0.3432, 0.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

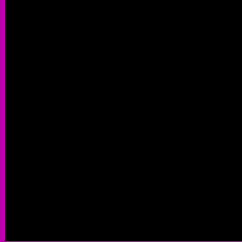
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.1715, 0.3432, 0.1664

Background



This preview shows how black text looks on a background with the Yxy color 14.1715, 0.3432, 0.1664.



This preview shows how white text looks on a background with the Yxy color 14.1715, 0.3432, 0.1664.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.1715, 0.3432, 0.1664

Protanopia

15.0679, 0.1741, 0.1468

Deuteranopia

14.8580, 0.2258, 0.2210



Tritanopia

14.5610, 0.4988, 0.3244

Trichromacy



Original Color

14.1715, 0.3432, 0.1664



Protanomaly

9.5213, 0.1844, 0.1147



Deuteranomaly

10.9545, 0.2554, 0.1657



Tritanomaly

13.2414, 0.4474, 0.2497

Monochromacy



Original Color

14.1715, 0.3432, 0.1664



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2404, 0.3281, 0.2057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1715, 0.3432, 0.1664 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 175) }
```

Border

The CSS property to change the border of an element to Yxy 14.1715, 0.3432, 0.1664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 0, 175) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(191, 0, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(191, 0, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1715, 0.3432, 0.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191, 0,  
175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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